

Los Alamos National Laboratory Chemistry Division

Periodic Table of the Elements

1A 1 H hydrogen 1.008	2A 3 Li lithium 6.94	4 Be beryllium 9.012	8A 2 He helium 4.003												
11 Na sodium 22.99	12 Mg magnesium 24.31														
19 K potassium 39.10	20 Ca calcium 40.08	21 Sc scandium 44.96	22 Ti titanium 47.88												
37 Rb rubidium 85.47	38 Sr strontium 87.62	39 Y yttrium 88.91	40 Zr zirconium 91.22												
55 Cs cesium 132.9	56 Ba barium 137.3	*	72 Hf hafnium 178.5												
87 Fr francium (223)	88 Ra radium (226)	**	73 Ta tantalum 180.9												
			74 W tungsten 183.9												
			75 Re rhenium 186.2												
			76 Os osmium 190.2												
			77 Ir iridium 192.2												
			78 Pt platinum 195.1												
			79 Au gold 197.0												
			80 Hg mercury 200.5												
			81 Tl thallium 204.4												
			82 Pb lead 207.2												
			83 Bi bismuth 209.0												
			84 Po polonium (209)												
			85 At astatine (210)												
			86 Rn radon (222)												
Lanthanide Series*	57 La lanthanum 138.9	58 Ce cerium 140.1	59 Pr praseodymium 140.9	60 Nd neodymium 144.2	61 Pm promethium (145)	62 Sm samarium 150.4	63 Eu europium 152.0	64 Gd gadolinium 157.2	65 Tb terbium 158.9	66 Dy dysprosium 162.5	67 Ho holmium 164.9	68 Er erbium 167.3	69 Tm thulium 168.9	70 Yb ytterbium 173.0	71 Lu lutetium 175.0
Actinide Series**	89 Ac actinium (227)	90 Th thorium 232	91 Pa protactinium 231	92 U uranium 238	93 Np neptunium (237)	94 Pu plutonium (244)	95 Am americium (243)	96 Cm curium (247)	97 Bk berkelium (247)	98 Cf californium (251)	99 Es einsteinium (252)	100 Fm fermium (257)	101 Md mendelevium (258)	102 No nobelium (259)	103 Lr lawrencium (262)